

REMARKS/ARGUMENTS

Applicant would like to thank the Examiner for the careful consideration given the present application. Reconsideration of the subject patent application in view of the present remarks is respectfully requested.

Claims 1 and 28 are amended.

Claims 3, 5-8, 10-12, 14-19, and 21 have previously been withdrawn.

Claim 20 has previously been cancelled.

Claim Rejections - 35 USC § 112

Claim 28 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 28 has been amended to comply with 35 U.S.C. 112, second paragraph. Thus, the rejection as it applies to claim 28 should be withdrawn.

Claim Rejections - 35 USC § 103

Claims 1, 2, 4, 9, 13 and 22-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shoji et al. (U.S. PG-PUB NO. 2002/0169010; hereinafter "Shoji"), in view of Masaki (U.S. PG-PUB NO. 2003/0050032), Schober (U.S. PATENT NO. 4,471,493) and further in view of Shimazaki (U.S. PATENT NO. 6,876,875). For the following reasons, the rejection is respectfully traversed.

Regarding the amended claim 1, none of Shoji, Masaki, Schober and Shimazaki, alone or in combination, discloses, teaches or renders foreseeable that the electrical connection between the

first antenna element and the conductor element is switchable from one route of electrically connecting through one of the feeding ports and one of the connection portions to the other route of electrically connecting through the other of the feeding ports and the other of the connection portions to change a directivity of the dipole antenna.

Neither Shoji nor Masaki discloses the above feature of the amended claim 1, as admitted by the examiner in the Office action which describes that the combination of Shoji and Masaki fails to specifically disclose the connection portion including a rotational shaft and a dipole antenna.

The Office action states that Schober discloses a rotational shaft provided in the connection portion and a dipole antenna. However, Schober fails to disclose that the electrical connection between the first antenna element and the conductor element is switchable from one route of electrically connecting through one of the feeding ports and one of the connection portions to the other route of electrically connecting through the other of the feeding ports and the other of the connection portions to change a directivity of the dipole antenna. Schober is silent about the use of at least two feeding ports and changing the directivity of the dipole antenna.

The Office action also states that Shimazaki discloses at least two connection portions and electrically conductive rotational shaft provided in each of the at least two connection portions. However, Shimazaki fails to disclose that the electrical connection between the first antenna element and the conductor element is switchable from one route of electrically connecting through one of the feeding ports and one of the connection portions to the other route of electrically connecting through the other of the feeding ports and the other of the connection portions to change a directivity of the dipole antenna. Instead, when the switch 23 is turned on, both the conductive elements 36, 37 and the conductive elements 36', 37' are electrically connected as

shown in FIG. 3 of Shimazaki. Also, Shimazaki is silent about the use of at least two feeding ports and changing the directivity of the dipole antenna.

Accordingly, the combination of Shoji, Masaki, Schober and Shimazaki does not meet all of the limitations of claim 1. Therefore, the asserted combination of Shoji, Masaki, Schober and Shimazaki does not render claim 1 obvious. Thus, withdrawal of the rejection as it applies to claim 1 is respectfully requested.

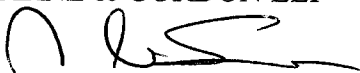
Claims 2, 4, 9, 13 and 22-27 which are directly or indirectly dependent from claim 1 should also be allowable for at least the same reason.

In consideration of the foregoing analysis, it is respectfully submitted that the present application is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No.: 37395.

Respectfully submitted,

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